

FORD MOTOR COMPANY

EXECUTIVE ORDER A-010-1299

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	USEFU (mii	IN- COMP (*=N/A or A/E=ex	MEDIATE USE LIANCE full in-use; h. / evap. ate in-use)	FUEL TYPE		
2006	6FMXT02.32EE	LDT: <6000# GVW, 3751-5750#	"LEV II" Super Ultra Low Emission Vehicle (LEV II	EXH / ORVR	EVAP	EXH	EVAP	Gasoline plus	
2000	OF MATOZ.32EE	LVW	SULEV)	150K	150K	Α	*	Battery-Assist	
No.	ECS &	SPECIAL FEATURES	EVAPORATIVE	EMENT (L)					
1	TWC(2), H	02S (3), SFI, EGR, OBD(F)	6FMXR0	120GCY					
*		*	•						
*		*	•	*				3	
•		*						_	

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50⁰ Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED:

That the listed vehicle models have been certified as an advanced technology (AT) partial zero emission vehicle (PZEV)--Type E Hybrid Electric Vehicle (HEV) and are granted a baseline PZEV allowance of 0.2 and additional allowances under 13 CCR Section 1962 (c).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ________ day of April 2005.

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Mobile Source Operations Division

ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

	NMOG FLEET NMOG @ RAF=*		CH4=melhane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=i										=oxides of nitrogen;	
AVERAGE [g/mi]		CH4 RAF = *		HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diurnal+										
STD	NMOG	NMHC		hot-soak; Ri mi=mile; K=	ecovery; g =gr re	am; mg =millig	jram 							
_ CERT CERT				CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]		
0.002	[g/mi]	[g/mi]	[3,]	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
@ 50K	4	٠	*	*	*	*	*	*	+	*	+	*	*	
@ UL	0,009	•	0.010	0.1	1.0	0.01	0.02	*	4.	*	•	0.001	0.03	
F & 4K	*	*	*		*	*	•	*	*	*	*	*	*	
.(062 g 50K @ UL	CERT [g/mi] 3 50K	CERT CERT [g/mi] [g/mi] § 50K	CERT CERT G/mi] G/mi] 50K	NMOG	NMOG NMHC CERT STD	NMOG	NMOG NMHC CERT CERT [g/mi] [g/mi] CERT STD CERT	NMOG CERT CERT [g/mi] [g/mi] STD CERT S	NMOG CERT G/mi G/mi	NMOG NMHC CERT CERT [g/mi] [g/mi]	NMOG CERT G/mi G/mi	MMOG NMHC CERT CERT [g/mi] F=degrees Fahrenheit; SFTP=supplemental federal test procedure CO [g/mi] NOx [g/mi] HCHO [mg/mi] PM [g/mi] Hwy NO CERT STD CERT STD CERT STD CERT C	

CO [g/ml]				NMHC+NOx [g/mi] (composite)		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/ml] [SC03]		CO [g/mi] [SC03]	
@ 2	0°F & 50K	å		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	1.1		SFTP @ 4000 miles	*	*	*	*	0.005	0.25	7.1	10,5	0.0005	0.27	0.03	3.5
STD	12.5	4.5	SFTP @ * miles	*	*	*	*	*	*	*	*	*	*	+	*

Evaporative Family	3-Days Diurn (grams/te	al + Hot Soak est) @ UL		al + Hot Soak est) @ UL		ng Loss nile) @ UL	On-Board Refueling Vapor Recovery (grams/gallon) @ UL		
	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
6FMXR0120GCY	0.34	0.50	0.43	0.50	0.001	0.05	0.03	0.20	
*	•	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	
+	*	*	*	•	*	*	*	*	

^{*=} not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefled natural gas; LPG=liquefled petroleum gas; E85="85%" Ethanol Fuel

2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	IN-I COMPI (*=N/A or A/E=exi	IEDIATE JSE _IANCE full in-use; n. / evap. ate in-use)	PHASE-IN STD.	OBD II
					EXH	EVAP	<u> </u>	
FORD	ESCAPE HEV 2WD	6FMXR0120GCY	1	2.3	A	*	SFTP	Full
FORD	ESCAPE HEV 4WD	8FMXR0120GCY	1	2.3	Α	•	SFTP	Full
MERCURY	MARINER HEV 4WD	6FMXR0120GCY	1	2.3	A	*	SFTP	Full